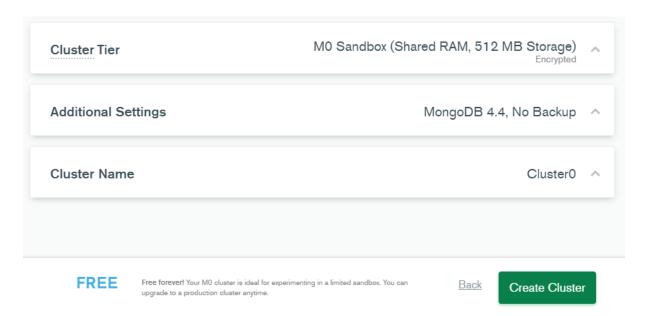
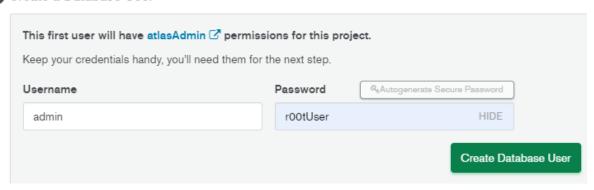
## Setting up MongoDb

- 1. After signing up to the service and logging in navigate to Organisations and select 'New Project'.
- 2. Choose a name for the project in this case (TheWriteWay), choose 'access permissions', the owner has default access and then 'Create Project'.
- 3. Now choose the 'Build a database' option and choose the 'shared free' option. Choose AWS and your nearest geographical location, in this case Ireland.

Now we can accept the default below and click 'Create' cluster – this takes a few minutes.



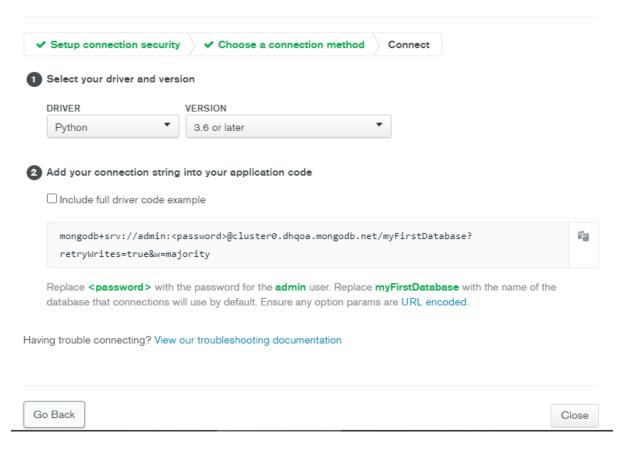
- 4. Choose 'Connect to Cluster' and add connection ip of 0.0.0.0, now create at least 1 user that is allowed to access the Cluster.
  - 2 Create a Database User



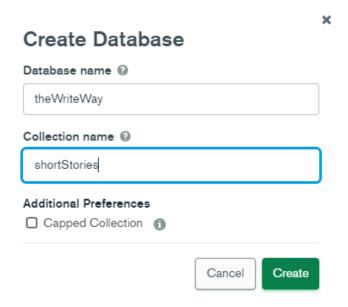
5. Now choose the 'Connection Method' and the option to 'Connect your Application'.

Select the Driver as Python and the version in this case as 3.6 after verifying from the terminal in GitPod that this is the correct version of python.(version 3.8 is installed)

## Connect to ClusterO



- 6. Copy the connection string to be used later in your code, substitute **<password>** for the password of the admin user you setup in the previous screen, and replace **myFirstDatabase** with the name of your database we will setup in step 8.
- $7. \quad mongodb+srv://admin:r00tUser@cluster0.dhqoa.mongodb.net/theWriteWay?retryWrites=true\&w=majority$
- 8. Choose collections and 'add my own data', choose a relevant name for the DB and the collection and click create.



9. Now we can setup some test data as needed by choosing 'insert document'. This completes the initial setup of MongoDb.